



Touring VPL 1220-20

Direct View Video Pixel Linear



Description

Touring VPL 1220-20 is a powerful direct view pixel product designed to reproduce pixel mapping and media effects in temporary environments. With industry leading intensity and wide-angle visibility, it is one of the most dynamic direct view fixtures available. Using touring industry standard power and data connectors, and with a selection of low-profile brackets and accessories, this easily integrated fixture is the perfect fit for concerts, stadiums, sets, and sound stages. Touring VPL is available in 3 different lengths, 5 different lenses, shape-able brackets.

Features and benefits

- ✓ IP65-rated Video Pixel Linear luminaire
- ✓ Industry standard power and data connectors with no need for external power supplies
- ✓ 1212 millimeter length per luminaire with integrated power supply
- ✓ Auto or individual addressing
- ✓ Quad Full-Color LED Pixel Clusters
- ✓ Long runs on a single circuit
- ✓ 19.05 mm pixel pitch and 120° viewing angle
- ✓ IK08-rated, UV and Corrosion resistant
- ✓ 16-bit control, Real time remote monitoring

Certifications & classifications

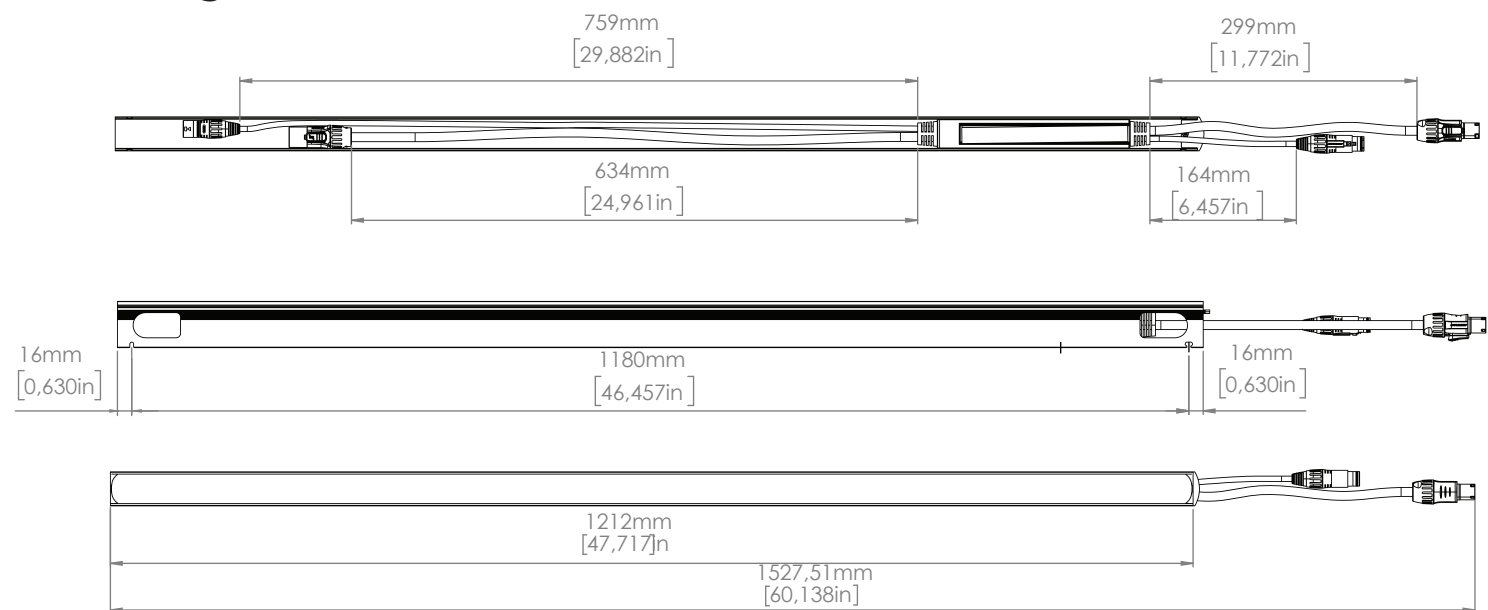
IP65
INGRESS

RoHS
COMPLIANT

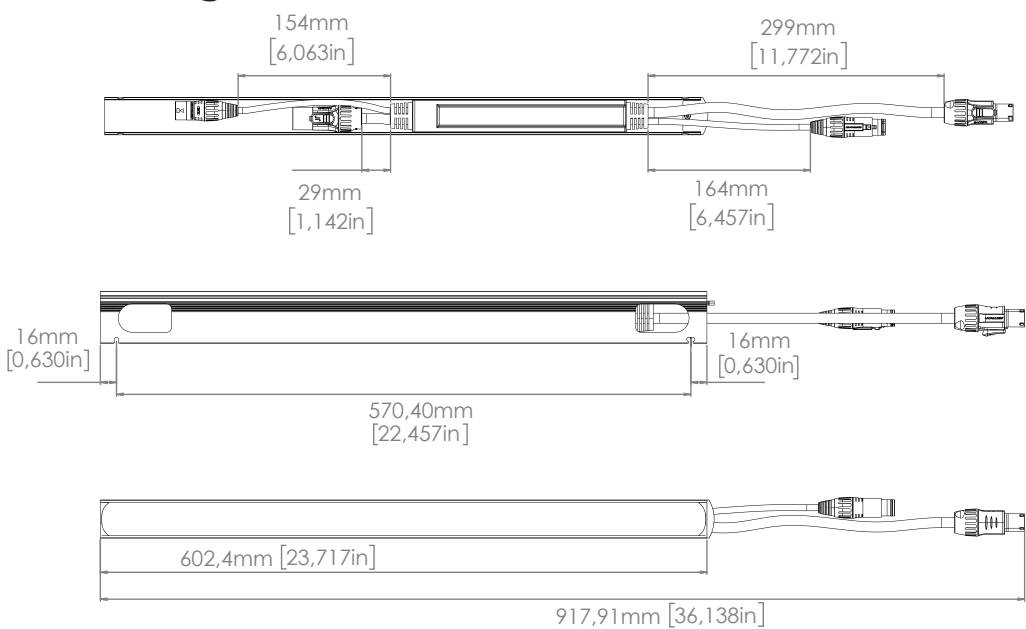
CE



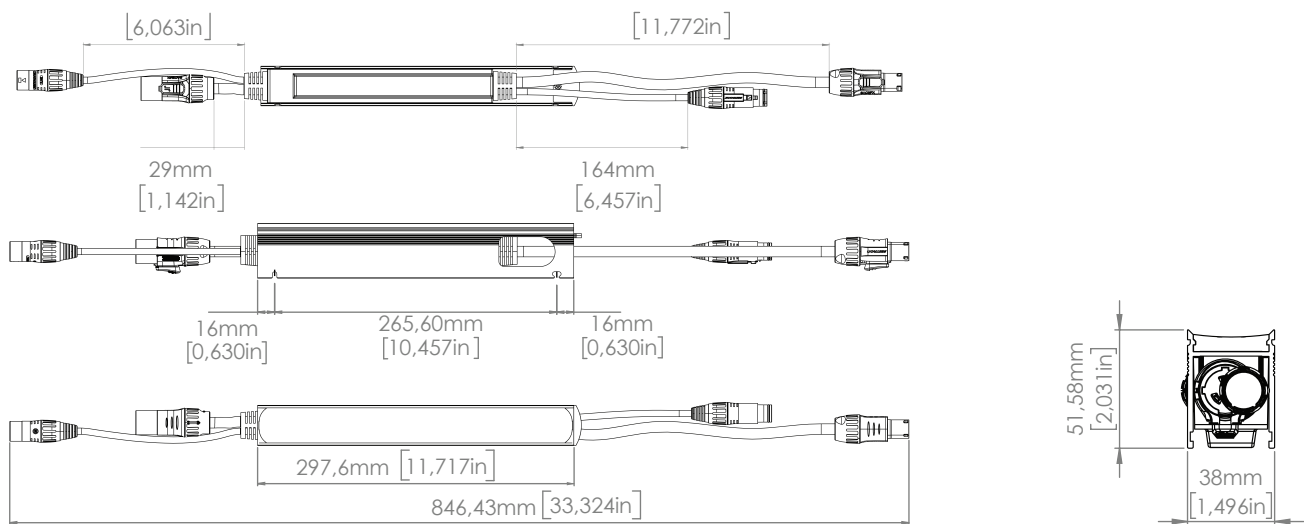
Touring VPL 1220 20



Touring VPL 610 20



Touring VPL 305 20



Specification

Optical Data	LED expected lifetime (L70)	50,000 hours
	Lightsource	256 x high-power RGB LEDs
	Native lens options	110°
	Pixel per meter	52 px/m
	Pixel pitch	19.05 mm
	Pixel size	6 x 6 mm Quad LED Pixel Clusters
Photometric	Color temperature range	2000K - 10000K
	Efficacy	33 lm/W
	Light output - all LEDs on	810 lm
	Lumen per kilogram	405 lm / Kg
	Luminance	8400 Nits (cd/m2)
	Native beam angle(s)	109° (with clear 110° lens)
	Native field angle(s)	151° horizontal, 158° vertical (with 110° clear lens)
Physical	Color options	Black - RAL 9004
	IK rating	IK08
	IP class	IP65
	Material	Aluminium
	Net dimensions L x H x W	1212 x 52 x 38 mm
	Net dimensions L x H x W (inches)	47.8 x 2 x 1.5 inches
	Net weight	2 kg (4.4 lbs)
Features	Addressable pixels	64
	Auto addressing	Yes
	Color calibration	SGM proprietary, full color calibration White calibration for RGB
	Dimming	Smooth fade in, gamma corrected curve
	On-fixture test	Yes
	Other	LED frequency control via SGM Network Admin
	Remote monitoring	Yes (Real Time)
	View angle	120°
Electrical	Electrical protection	Overload protection with automatic recover
	Input voltage, nominal	200 - 240 VAC; 50 / 60 Hz

	Max inrush current 230VAC	1.9 A
	Max power consumption	35 W
	Power factor	0.98 PF (230 V)
	Power per meter	29 W/m
	Power Supply Unit	Auto-ranging electronic switch-mode
	Standby power consumption	2.8 W
Programming and Control	16-bit control	Red, Green, Blue
	Data communication	100 Mb
	DMX channels	3, 6, 12, 24, 48, 96, 192 or 384
	DMX modes	8
	Protocol	Art-Net (up to 120 Hz) sACN SGM VP-Net
	Setting and addressing	SGM Network Administrator
Connections	DMX data in/out	Seetronic SE8 Class 2 Series RJ45 XLR Black
	Power	Seetronic X Series SAC3FX & SAC3MX
Installation	Orientation	Any
	Rigging possibilities	Surface-mounted
Thermal	Cooling	Passive
	Thermal protection	Automatic overtemperature protection
	Total heat dissipation, max power	119.4 BTU per hour
	Total heat dissipation, standby	9.6 BTU per hour
Included items	Included items	Safety instructions and installation quick guide
Conforms To	CE - 2014/30/EU: EMC Directive	EN 55015
		EN 61547
		EN 61000-3-2
		EN 61000-3-3
		EN 55032
		EN 55035
	CE - 2014/35/EU: Low Voltage Directive	EN 60598-1
		EN 60598-2-17
		EN 62471
		EN 60529
		EN 62368-1
	RoHS2 Directive	2011/65/EU
	UL	UL Std. 1573

Certified To

CSA

CSA-E598-2-17-98, Ed: 1
CSA E60598-1, Ed: 3

Ordering information

Qty	Product name	Item number
☐	Touring VPL1220-20, BL	80080062
☐		
	Accessories	Item number
☐	VPL Touring bracket	83060633
☐	VPL Rounded Opal lens	83061074
☐	SGM Network Admin	
☐	VPL Smoked clear lens	83061079
☐	VPL Opal / Black lens	83061083
☐	VPL Smoked Frosted lens	83061087
☐	VPL Rounded Smoked Opal lens	83061091
☐	Link Plate for Touring VPL Pivot Bracket	83060717
☐	Pivot Bracket for Touring VPL	83060718
☐	Slimline Touring Clamp for Touring VPL	83060722
☐		



Headquarter [+45 70 20 74 00](tel:+4570207400)

Mail info@sgmlighting.com

Website sgmlight.com